

Thursday, April 05, 2012 12:56:13 PM

82716

Page 1

Item ID: D3783-041

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop *NS2*

Item Name: Lateral Brace Assembly

Start Date: 4/5/2012 **Start Qty:** 4.00

3

~~*A*~~

Cust Item ID:

Required Date: 4/13/2012 **Req'd Qty:** 4.00

4

Customer:

Reference:

Approvals:

Process Plan:

Date: /

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

[illegible]

| W/O: | | | WORK ORDER CHANGES | | | | | |
|------|------|--|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | |
| | | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | |
|------|------|--------------------------------|----------------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Work Order ID 82716

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82716

Page 2

Item ID: D3783-041

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Lateral Brace Assembly

Start Date: 4/5/2012 Start Qty: 4.00 ***4***

Cust Item ID:

Required Date: 4/13/2012 Req'd Qty: 4.00 ***4***

Customer:

Reference:

Run Start ***NR1***

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop ***NR2***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

124

Grey Sandtex (Ref: 43556) per QSI005 4.3

0.00

124

Powder coat

Powder Coating

Memo

0.00

Mask inside D3765-1 clevis

POWDER COAT:

Start Time: 2:40

Oven Temperature: 3200F

Finish Time: 3:10

127

QC3-Inspect Part Finish

0.00

127

QC

Quality Control

Memo

0.00

130

Identify as per dwg & Stock Location: 50

0.00

130

Packaging

Packaging

Memo

0.00

3X 12/06/11

3 12/06/11

4/8/14 (3)

| W/O: | | | WORK ORDER CHANGES | | | | | |
|------|------|--|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Work Order ID 82716***82716***

Page 3

Thursday, April 05, 2012 12:56:13 PM

Item ID: D3783-041 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Lateral Brace Assembly
Start Date: 4/5/2012 Start Qty: 4.00 ***4*** Cust Item ID:
Required Date: 4/13/2012 Req'd Qty: 4.00 ***4*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|---|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 140 | QC21- Final Inspection - Work Order Release | 0.00 | | | | | | | |
| *140* | | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |

12/6/14

mf
12-06-14

| W/O: | | | WORK ORDER CHANGES | | | | |
|------|------|------------------|--------------------|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

Thursday, April 05, 2012 12:56:17 PM

Page 1

Work Order ID: 82716

82716

Parent Item: D3783-041

D3783-041

Parent Item Name: Lateral Brace Assembly

Start Date: 4/5/2012

Required Date: 4/13/2012

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A 08-05-19 new issue DD verified by:ec
IPP Rev:B 08-06-17 rev.a as per dwg DD verified by:EC IPP RevC: add
powder coat for ease of manufacturing DD 10.01.13 verified by:EC

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

| | | | | | | | | | | | | | |
|--------------------------|--|-----------|----|--|--|-----|------|----------|---|---|--|--|--|
| AN5-13A | | Purchased | No | | | 110 | Each | 110.0000 | 2 | 8 | | | |
| *AN5-13A* Bolt | | | | | | | | | | | | | |

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| GA | 20 | |
| 116003 | 20 | |
| ST338 | 90 | |
| 118983 | 40 | |
| 121181 | 50 | |

| | | | | | | | | | | | | | |
|-------------------------------|---------------|-----------|----|--|--|-----|------|--------|---|----|--|--|--|
| AN960JD516 | NAS1149D0563J | Purchased | No | | | 110 | Each | 0.0000 | 4 | 16 | | | |
| *AN960JD516* Washer | | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|----------------------------|--|--------------|----|--|--|-----|------|--------|---|---|--|--|--|
| D3765-1 | | Manufactured | No | | | 110 | Each | 2.0000 | 2 | 8 | | | |
| *D3765-1* Clevis | | | | | | | | | | | | | |

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| ST243 | 2 | |
| 75028 | 2 | |

| | | | | | | | | | | | | | |
|--------------------------|--|--------------|----|--|--|-----|------|--------|---|---|--|--|--|
| D3769-1 | | Manufactured | No | | | 110 | Each | 5.0000 | 1 | 4 | | | |
| *D3769-1* Tube | | | | | | | | | | | | | |

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| ST251A | 5 | |
| 60454 | 1 | |
| 80431 | 4 | |

| W/O: | | | WORK ORDER CHANGES | | | | | |
|------|------|--|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

Page 2

Thursday, April 05, 2012 12:56:17 PM

Work Order ID: 82716

82716

Parent Item: D3783-041

D3783-041

Parent Item Name: Lateral Brace Assembly

Start Date: 4/5/2012

Required Date: 4/13/2012

Start Qty: 4.00

Required Qty: 4.00

MS21042L5

Purchased

No

110

Each

1,453.000

2

8

MS21042L5

**

(3) FF 12-06-11

Nut

Location

Loc Qty

Loc Code

ST300

1453

116105

5

116548

43

117611

42

119109

1363

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Shop Packet Print

Page 2

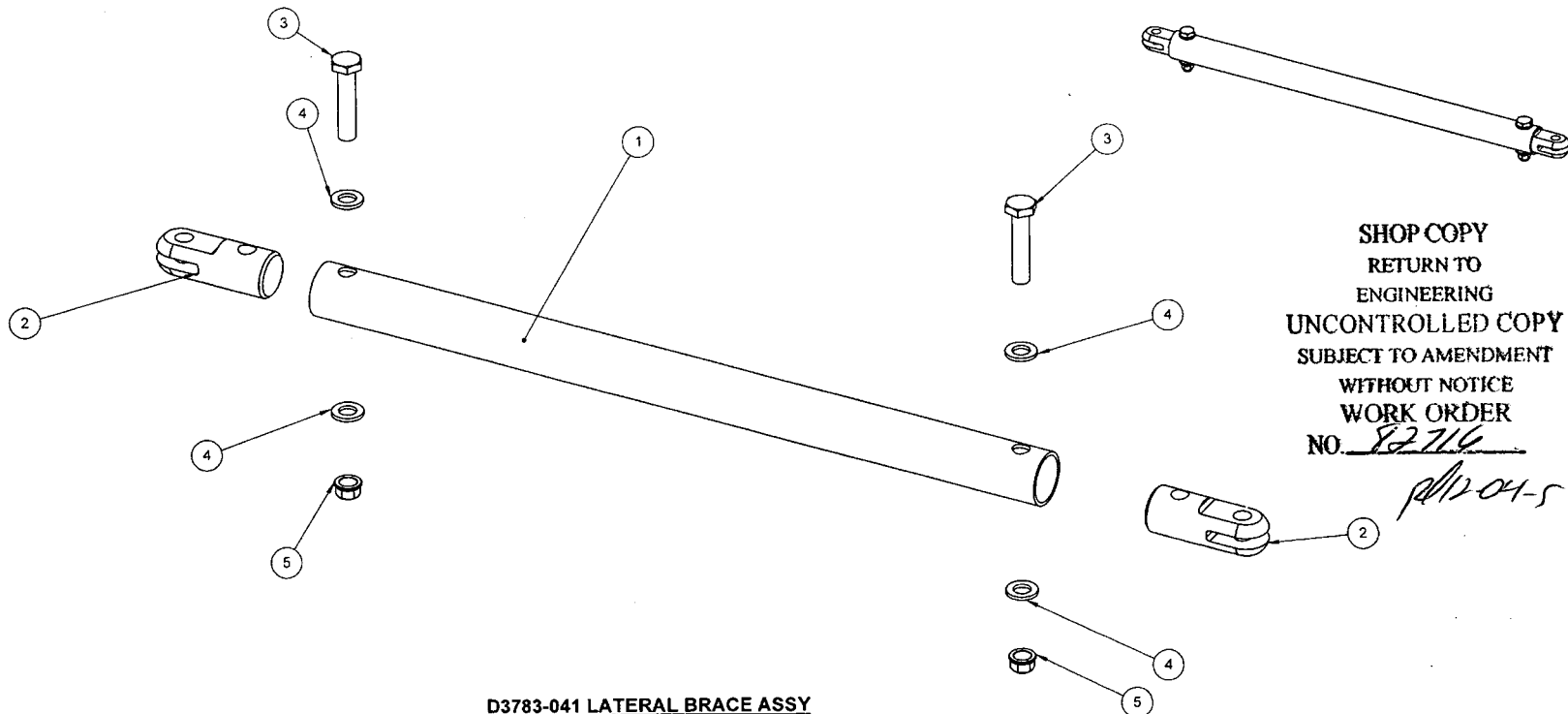
| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries



SHOP COPY
RETURN TO
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UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 82716
8/12/04-5

D3783-041 LATERAL BRACE ASSY

| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. (-041) |
|----------|---------------|---------------------|-------------|
| 1 | D3769-1 | TUBE | 1 |
| 2 | D3765-1 | CLEVIS | 2 |
| 3 | AN5-13A | BOLT | 2 |
| 4 | NAS1149D0568J | WASHER (AN960JD516) | 4 |
| 5 | MS21042L5 | NUT | 2 |

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.52 lbs

RELEASED
08.06.04

| | | | |
|--|--------------------|---|----------|
| A | NEW ISSUE | HS | 08.05.04 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | HS | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | HS | DRAWING NO. D3783 REV. A | |
| CHECKED | <i>[Signature]</i> | SHEET 1 OF 3 | |
| MFG. APPR. | <i>[Signature]</i> | TITLE BRACE ASSEMBLY SCALE NTS | |
| DE APPR. | <i>[Signature]</i> | DATE 08.06.04 | |
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| W/O: | | | WORK ORDER CHANGES | | | | | |
|------|------|--|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | |
| | | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

D3783-043 LONGITUDINAL BRACE ASSY

| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. (-043) |
|----------|---------------|---------------------|-------------|
| 1 | D3769-3 | TUBE | 1 |
| 2 | D3765-1 | CLEVIS | 1 |
| 3 | AN5-13A | BOLT | 1 |
| 4 | NAS1149D0568J | WASHER (AN960JD516) | 2 |
| 5 | MS21042L5 | NUT | 1 |

NOTES:
 1) MATERIAL: N/A
 2) FINISH: N/A
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: N/A
 7) WEIGHT: 0.41 lbs

| | | |
|------------|--------------------|--|
| DESIGN | HS | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA |
| DRAWN | HS | |
| CHECKED | <i>[Signature]</i> | DRAWING NO. D3783 REV. A |
| MFG. APPR. | <i>[Signature]</i> | SHEET 2 OF 3 |
| APPROVED | <i>[Signature]</i> | TITLE BRACE ASSEMBLY SCALE NTS |
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 08-06-16

82766

| W/O: | | | WORK ORDER CHANGES | | | | | |
|------|------|--|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | |
| | | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

D3783-045 ANGLE BRACE ASSY

| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. (-045) |
|----------|---------------|---------------------|-------------|
| 1 | D3769-5 | TUBE | 1 |
| 2 | D3765-1 | CLEVIS | 2 |
| 3 | AN5-13A | BOLT | 2 |
| 4 | NAS1149D0568J | WASHER (AN960JD516) | 4 |
| 5 | MS21042L5 | NUT | 2 |

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.63 lbs

| | | | |
|------------|--------------------|--|--------------|
| DESIGN | HS | DART AEROSPACE LTD | |
| DRAWN | HS | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | <i>[Signature]</i> | DRAWING NO. | REV. A |
| MFG. APPR. | <i>[Signature]</i> | D3783 | SHEET 3 OF 3 |
| APPROVED | <i>[Signature]</i> | TITLE | SCALE |
| DE APPR. | <i>[Signature]</i> | BRACE ASSEMBLY | NTS |
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08-06-14 2110

82716

| W/O: | | | WORK ORDER CHANGES | | | | | |
|------|------|--|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | |
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